

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/527,588  
Source: P4710  
Date Processed by STIC: 3/25/05

# *ENTERED*



PCT

## RAW SEQUENCE LISTING

DATE: 03/25/2005

PATENT APPLICATION: US/10/527,588

TIME: 08:56:20

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\03252005\J527588.raw

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3 <110> APPLICANT: Universit di Torino
5 <120> TITLE OF INVENTION: A novel mechanism for HIV-1 entry into host cells and
6   peptides inhibiting this mechanism
8 <130> FILE REFERENCE: 28665PEP1_RI
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/527,588
C--> 11 <141> CURRENT FILING DATE: 2005-03-14
13 <160> NUMBER OF SEQ ID NOS: 132
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 86
19 <212> TYPE: PRT
20 <213> ORGANISM: HIV
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24   1           5           10           15
26 Gln Pro Lys Thr Ala Cys Thr Asn Cys Tyr Cys Lys Lys Cys Cys Phe
27           20           25           30
29 His Cys Gln Val Cys Phe Ile Thr Lys Ala Leu Gly Ile Ser Tyr Gly
30           35           40           45
32 Arg Lys Lys Arg Arg Gln Arg Arg Ala His Gln Asn Ser Gln Thr
33           50           55           60
35 His Gln Ala Ser Leu Ser Lys Gln Pro Thr Ser Gln Pro Arg Gly Asp
36   65           70           75           80
38 Pro Thr Gly Pro Lys Glu
39           85
43 <210> SEQ ID NO: 2
44 <211> LENGTH: 13
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50   1           5           10
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55 <211> LENGTH: 12
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65 <210> SEQ ID NO: 4
66 <211> LENGTH: 6
67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence

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70 <220> FEATURE:  
71 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic  
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74 <400> SEQUENCE: 4  
75 Cys Ser Phe Asn Ile Thr  
76 1 5  
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86 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic  
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90 Cys Ser Phe Lys Ile Thr  
91 1 5  
95 <210> SEQ ID NO: 6  
96 <211> LENGTH: 6  
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98 <213> ORGANISM: Artificial Sequence  
100 <220> FEATURE:  
101 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic  
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105 Cys Ser Phe Asn Met Thr  
106 1 5  
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120 Cys Ser Phe Asn Val Thr  
121 1 5  
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134 <400> SEQUENCE: 8  
135 Cys Ser Phe Gln Val Thr  
136 1 5  
140 <210> SEQ ID NO: 9  
141 <211> LENGTH: 6  
142 <212> TYPE: PRT

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151 1 5  
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165 Cys Ser Phe Asn Thr Thr  
166 1 5  
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176 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic  
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180 Cys Ser Tyr Asn Ile Thr  
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187 <212> TYPE: PRT  
188 <213> ORGANISM: Artificial Sequence  
190 <220> FEATURE:  
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195 Cys Thr Phe Asn Ile Thr  
196 1 5  
200 <210> SEQ ID NO: 13  
201 <211> LENGTH: 6  
202 <212> TYPE: PRT  
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205 <220> FEATURE:  
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210 Cys Thr Phe Asn Thr Thr  
211 1 5  
215 <210> SEQ ID NO: 14  
216 <211> LENGTH: 6

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Input Set : A:\PTO.SR.txt

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217 <212> TYPE: PRT  
218 <213> ORGANISM: Artificial Sequence  
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221 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic  
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232 <212> TYPE: PRT  
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235 <220> FEATURE:  
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239 <400> SEQUENCE: 15  
240 Cys Ser Phe Asn Met Ser  
241 1 5  
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255 Cys Ser Phe Lys Val Thr  
256 1 5  
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270 Cys Ser Phe Asp Ile Thr  
271 1 5  
275 <210> SEQ ID NO: 18  
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282 inhibitor  
284 <400> SEQUENCE: 18  
285 Cys Glu Phe Asn Ile Thr  
286 1 5  
290 <210> SEQ ID NO: 19

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291 <211> LENGTH: 6
292 <212> TYPE: PRT
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
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299 <400> SEQUENCE: 19
300 Cys Glu Phe Asn Val Thr
301   1           5
305 <210> SEQ ID NO: 20
306 <211> LENGTH: 6
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
312     inhibitor
314 <400> SEQUENCE: 20
315 Cys Glu Phe Asn Ala Thr
316   1           5
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321 <211> LENGTH: 6
322 <212> TYPE: PRT
323 <213> ORGANISM: Artificial Sequence
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327     inhibitor
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330 Cys Glu Phe Asn Thr Thr
331   1           5
335 <210> SEQ ID NO: 22
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344 <400> SEQUENCE: 22
345 Cys Asn Phe Asn Gln Ser
346   1           5
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351 <211> LENGTH: 3
352 <212> TYPE: PRT
353 <213> ORGANISM: Artificial Sequence
355 <220> FEATURE:
356 <223> OTHER INFORMATION: Description of Artificial Sequence:peptidic
357     inhibitor
359 <400> SEQUENCE: 23
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**VERIFICATION SUMMARY**

PATENT APPLICATION: **US/10/527,588**

DATE: 03/25/2005

TIME: 08:56:21

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Output Set: **N:\CRF4\03252005\J527588.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date